

Name: \_\_\_\_\_

**pb1103: Factoring when  $a = \text{prime}$  (v10)**

1. Factor the expression  $3x^2 + 11x - 42$

2. Factor the expression  $5x^2 - 42x + 16$

3. Factor the expression  $11x^2 + 101x + 18$

4. Factor the expression  $5x^2 + 38x - 63$

5. Factor the expression  $11x^2 + 9x - 2$

6. Factor the expression  $2x^2 - 17x + 8$

7. Factor the expression  $5x^2 - 22x + 21$

8. Factor the expression  $5x^2 + 24x + 27$

9. Factor the expression  $7x^2 - 58x - 45$

10. Factor the expression  $5x^2 + 13x - 28$